

10/585704

1AP6 Rec'd PCT/PTO 11 JUL 2006

Practitioner's Docket No. 2972/103

PATENT

Preliminary Classification:

Proposed Class:

Subclass:

**TRANSMITTAL LETTER TO THE U.S. DESIGNATED OFFICE (DO/US)—  
ENTRY INTO THE U.S. NATIONAL STAGE UNDER CHAPTER I**

PCT/US2005/000932	12 January 2005 (12.01.05)	12 January 2004 (12.01.04)
International Application No.	International Filing Date	Priority Date Claimed

Hybrid Cycle Combustion Engine and Methods  
Title of Invention

Shkolnik, Alexander Cerge; Shkolnik, Nikolay  
Applicant(s)

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTENTION: DO/US

**EXPRESS MAILING UNDER 37 C.F.R. § 1.10\***  
(Express Mail label number is mandatory.)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date July 11, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EV 626472675 US

M. Brad Lawrence

Type or print name of person mailing paper

Date: July 11, 2006

Signature of person certifying

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

10/585704

APPROPRIATE 11 JUL 2006

1. Applicant herewith submits to the United States Designated Office (DO/US) the following items under 35 U.S.C. § 371:

This express request to immediately begin national examination procedures (35 U.S.C. § 371(f))

The U.S. National Fee (U.S.C. § 371(c)(1))

2. Fees

CLAIMS FEE*	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	
	<b>TOTAL CLAIMS</b>	<b>36 - 20 =</b>	<b>16</b>	<b>x \$50.00 =</b>	<b>\$800.00</b>
	<b>INDEPENDENT CLAIMS</b>	<b>5 - 3 =</b>	<b>2</b>	<b>x \$200.00 =</b>	<b>\$400.00</b>
	<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00</b>				<b>\$0.00</b>
<b>NATIONAL STAGE FEES</b>	Basic filing fee \$300.00 Examination fee All other situations \$200.00 Search Fee All other situations \$500.00				
	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof"				
	Total Sheets 104	Extra Sheets 4	Number of each additional 50 or fraction thereof (rounded up to a whole number) 1	250.00	\$250.00
	Total of National Stage Fees				\$1,250.00
<b>SMALL ENTITY</b>	Total of above Calculations				\$2,450.00
	Reduction by 1/2 for filing by small entity, if applicable. Assertion must be made (note 37 CFR 1.27).				\$1,225.00
	Subtotal				\$1,225.00
	Total National Fee				\$1,225.00
<b>TOTAL</b>	<b>Total Fees enclosed</b>				<b>\$1,225.00</b>

44385704

RECEIVED 11 JUL 2006

**Assertion of Small Entity Status**

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

Attached is a check in the amount of \$1,225.00.

Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 19-4972.

3. A copy of the International application as filed (35 U.S.C. § 371(c)(2)) is not required, as the application was filed with the United States Receiving Office.
4. A translation of the International application into the English language (35 U.S.C. § 371(c)(2)) is not required as the application was filed in English.
5. An unexecuted oath or declaration, including power of attorney, of the inventor (35 U.S.C. § 371(c)(4)) complying with 35 U.S.C. § 115 is submitted herewith.

**Other document(s) or information included:**

6. An international Search Report or Declaration under PCT Article 17(2)(a) is transmitted herewith.
7. An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98 will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. § 371(c).
8. Additional documents:

Application Data Sheet;

Copy of request (PCT/RO/101); and

International Publication No. WO 2005/071230, including specification, claims and drawings.

**AUTHORIZATION TO CHARGE ADDITIONAL FEES**

Please charge, in the manner authorized above, the following additional fees that may be required by this paper and during the entire pendency of this application:

basic fee

search fee

examination fee

37 C.F.R. § 1.16 (presentation of extra claims).

37 C.F.R. 1.16(s) (additional fee for specification and drawings filed in paper over 100 sheets).

37 C.F.R. § 1.17 (application processing fees)

37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a))

37 C.F.R. § 1.492(e) and (f) (surcharge fees for filing the declaration and/or filing an English translation of an International Application later than 20 months after the priority date).

[illegible]

02972/00103 517121.1

Practitioner's Docket No. 2972/103

2972/103  
RECEIVED 11 JUL 2006

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Alexander Cerge Shkolnik, Nikolay Shkolnik

International App'l No.: PCT/US2005/000932  
International Filing Date: 12 January 2005  
For: Hybrid Cycle Combustion Engine and Methods

Group No.: Not Yet Assigned  
Examiner: Not Yet Assigned

**Mail Stop PCT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**  
**Attn: DO/US**

**EXPRESS MAIL CERTIFICATE**

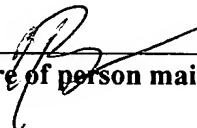
"Express Mail" label number EV 626472675 US  
Date of Deposit 07/11/2006

I hereby state that the following *attached* paper or fee

Transmittal letter to the U.S. Designated Office for entry into the U.S. National Stage under Chapter 1, including documents referenced therein,

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

M. Brad Lawrence

  
\_\_\_\_\_  
Signature of person mailing paper or fee